

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 5    | heterodimension<br>heterodimensional   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/14<br>14:34 |
| L2    | 6    | ("5371388"   "5729017" <br>20040201076).PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/14<br>14:34 |
| L3    | 6    | L2 and (wavelength<br>frequency modulate<br>modulating modulated<br>modulation amplitude<br>amplify control) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/14<br>14:34 |
| L4    | 1    | L2 and array   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/14<br>14:34 |
| L5    | 85   | (257/E29.246).CCLS.  | US-PGPUB;<br>USPAT  | OR               | OFF     | 2008/04/14<br>14:34 |
| L6    | 0    | L5 and terahertz   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/04/14<br>14:34 |
| L7    | 136  | plasma and gaas and<br>terahertz   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/04/14<br>14:34 |
| L8    | 379  | plasma adj wave and<br>semiconductor   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/14<br>14:34 |

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| L9  | 3    | plasma adj wave and 2deg                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/14<br>14:34 |
| L10 | 12   | (plasma adj wave<br>terahertz) and 2deg                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/14<br>14:34 |
| L11 | 448  | (257/198).CCLS.   | US-PGPUB;<br>USPAT  | OR | OFF | 2008/04/14<br>14:34 |
| L12 | 492  | (257/22).CCLS.  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/04/14<br>14:34 |
| L13 | 1002 | terahertz and modulation                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/14<br>14:34 |
| L14 | 70   | 398/187.ccor.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/14<br>14:34 |
| L15 | 205  | 257/22,198,E29.246.ccor.                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/14<br>14:34 |
| L16 | 5    | heterodimension<br>heterodimensional                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/14<br>14:34 |
| L17 | 270  | (2deg 2dhg) and (plasma<br>or oscillation or ratiation) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/14<br>14:34 |

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| L18 | 52  | (2deg or 2dhg or two-dimensional adj electron adj gas or (two-dimensional adj hole adj gas) or (two-dimensional adj carrier adj gas)) with (plasma or oscillation or radiation) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/04/14<br>14:34 |
| L19 | 4   | ("4835581"   "4862228"   "5001536"   "5144378").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR  | OFF | 2008/04/14<br>14:34 |
| L20 | 4   | ("6277666"   "6713367").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/04/14<br>14:34 |
| L21 | 21  | fusion bonding near4 SOI  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/04/14<br>14:34 |
| L22 | 1   | ("20030073261").PN.   | US-PGPUB;<br>USPAT  | OR  | OFF | 2008/04/14<br>14:34 |
| L23 | 1   | ("6953954").PN.   | US-PGPUB;<br>USPAT  | OR  | OFF | 2008/04/14<br>14:34 |
| L24 | 1   | (US-6269199-\$).did.  | USPAT   | OR  | OFF | 2008/04/14<br>14:34 |
| L25 | 1   | L24 and laser   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/04/14<br>14:34 |
| L26 | 628 | terahertz with laser  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/04/14<br>14:34 |
| L27 | 2   | terahertz with laser with (field adj effect FET)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/04/14<br>14:34 |

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| L28 | 184  | terahertz with (pulse pulsing pulsed) same laser   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/14<br>14:34 |
| L29 | 13   | "5371388"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/14<br>14:34 |
| L30 | 3    | fet with modulat\$3 with terahertz                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/14<br>14:34 |
| L31 | 293  | modulat\$3 with terahertz                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/14<br>14:34 |
| L32 | 56   | L31 and gaas                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/14<br>14:34 |
| L33 | 168  | L31 and gate                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/14<br>14:34 |
| L34 | 5    | (OTSUJI or SANO).in. and terahertz                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/14<br>14:34 |
| L35 | 3071 | laser and schottky and (fs femtosecond picosecond) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/14<br>14:34 |

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| L36 | 93   | L35 and terahertz  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/04/14<br>14:34 |
| L37 | 277  | laser and schottky and<br>(femtosecond picosecond)               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/04/14<br>14:34 |
| L38 | 43   | L37 and terahertz  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/04/14<br>14:34 |
| L39 | 9    | schottky adj (junction<br>diode gate) with terahertz             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/04/14<br>14:34 |
| L40 | 0    | SENSOR ELECTRONIC<br>TECHNOLOGIES.asn.                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/04/14<br>14:34 |
| L41 | 30   | SENSOR ELECTRONIC.asn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/04/14<br>14:34 |
| L42 | 35   | ((MICHAEL) near2<br>(SHUR)).INV.                                 | USPAT   | OR  | OFF | 2008/04/14<br>14:34 |
| L43 | 0    | ((VICTOR) near2<br>(RYZHII)).INV.                                | USPAT   | OR  | OFF | 2008/04/14<br>14:34 |
| L44 | 12   | ((REMIGIJUS) near2<br>(GASKA)).INV.                              | USPAT   | OR  | OFF | 2008/04/14<br>14:34 |
| L45 | 6356 | infrared with laser with<br>wavelength and<br>wavelength with nm | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/04/14<br>14:34 |

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| L46 | 1820 | infrared near laser with<br>wavelength and<br>wavelength with nm | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/14<br>14:34 |
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